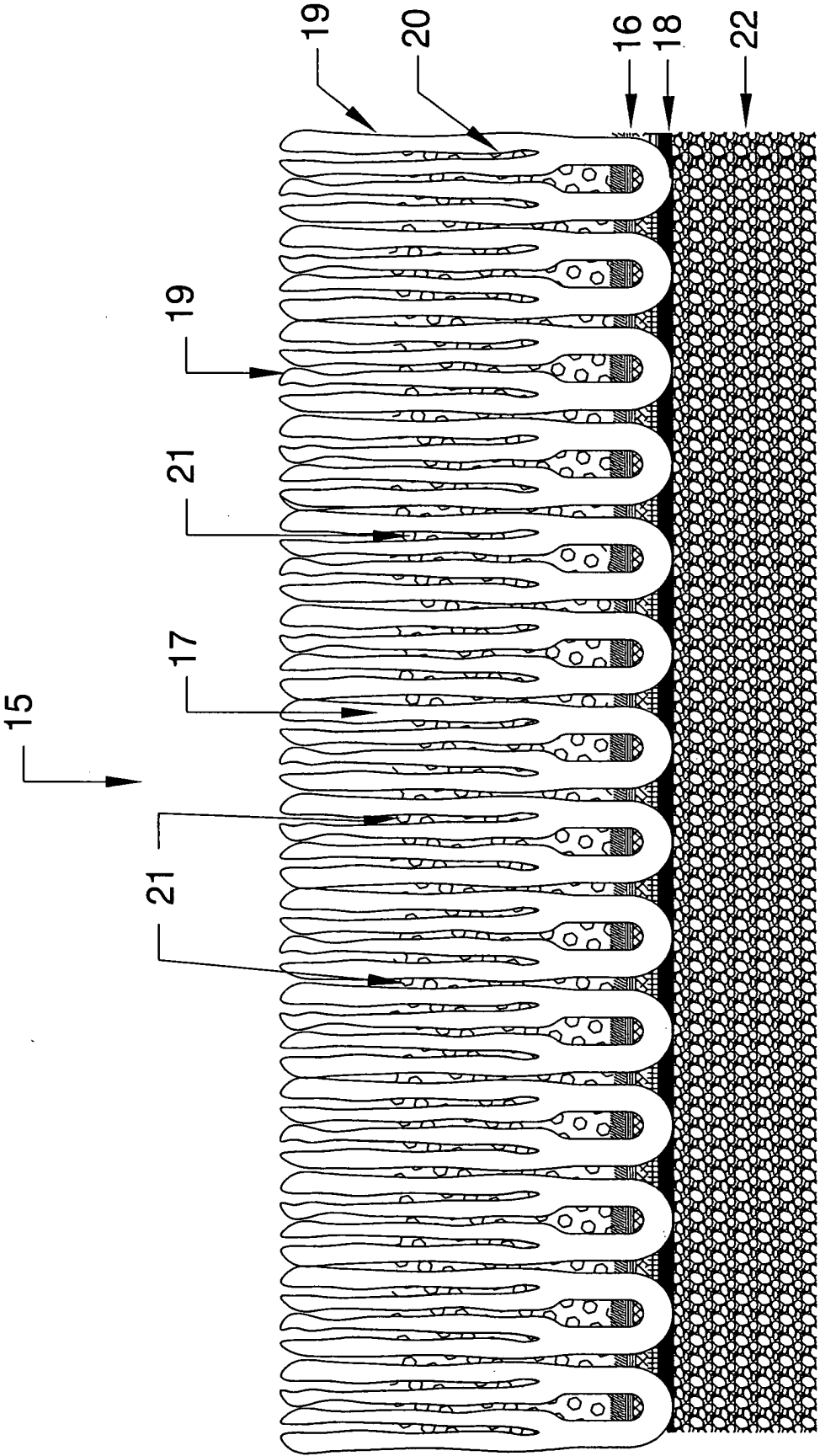


FIG. 1



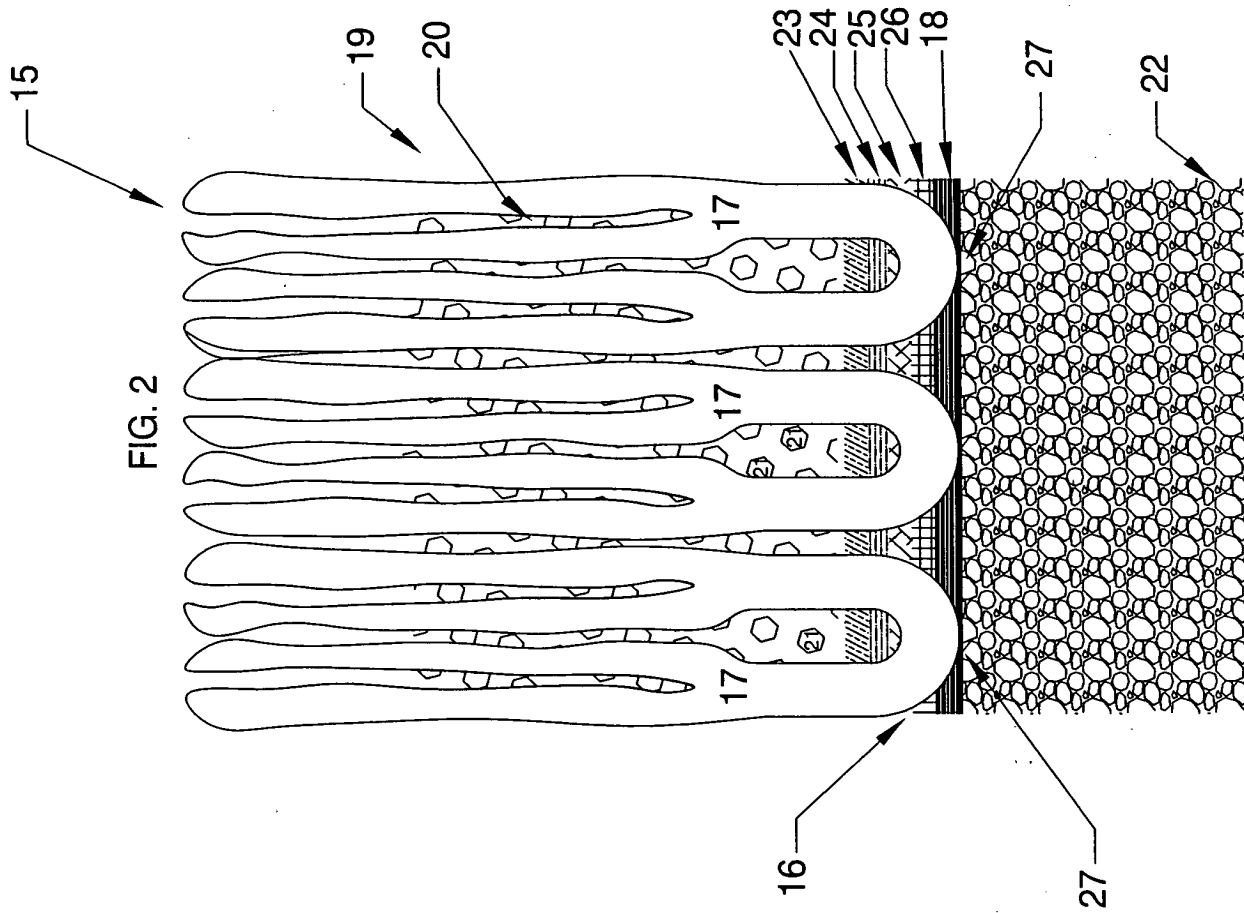
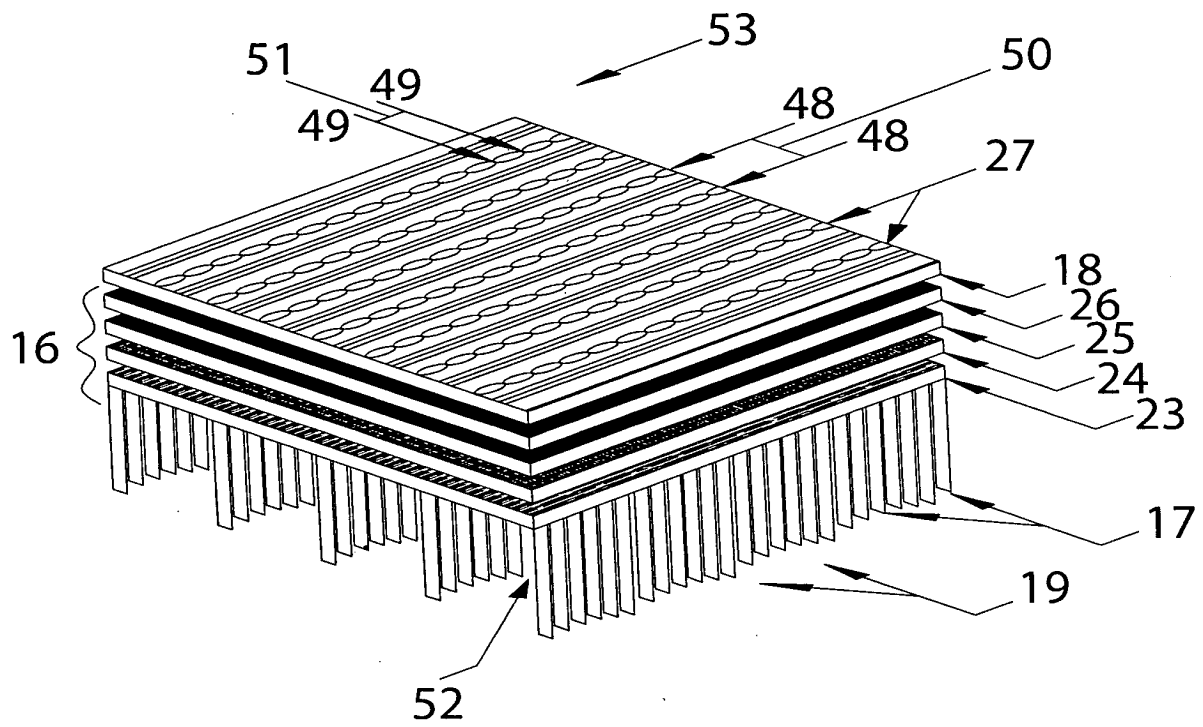


FIG. 3



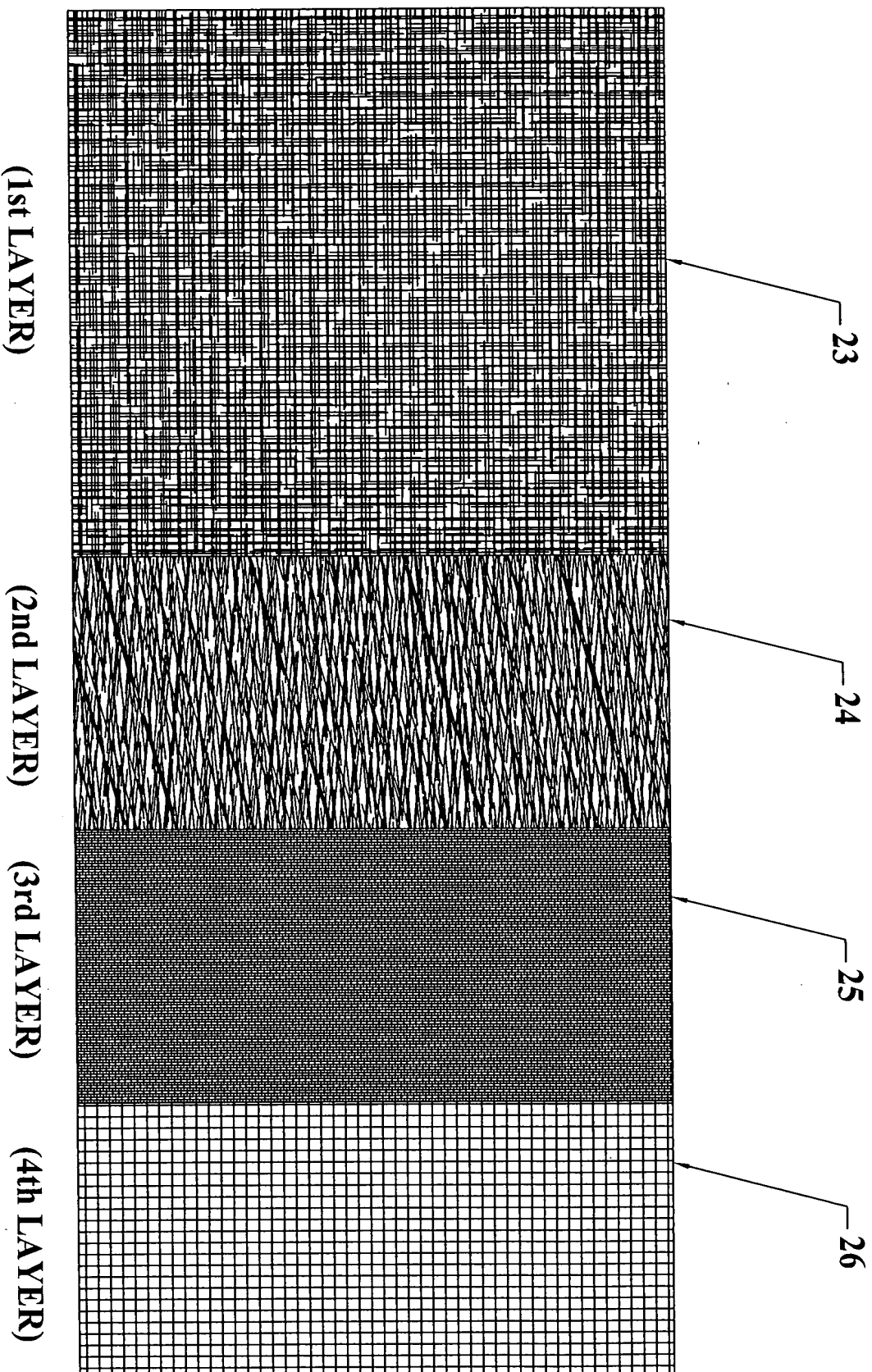
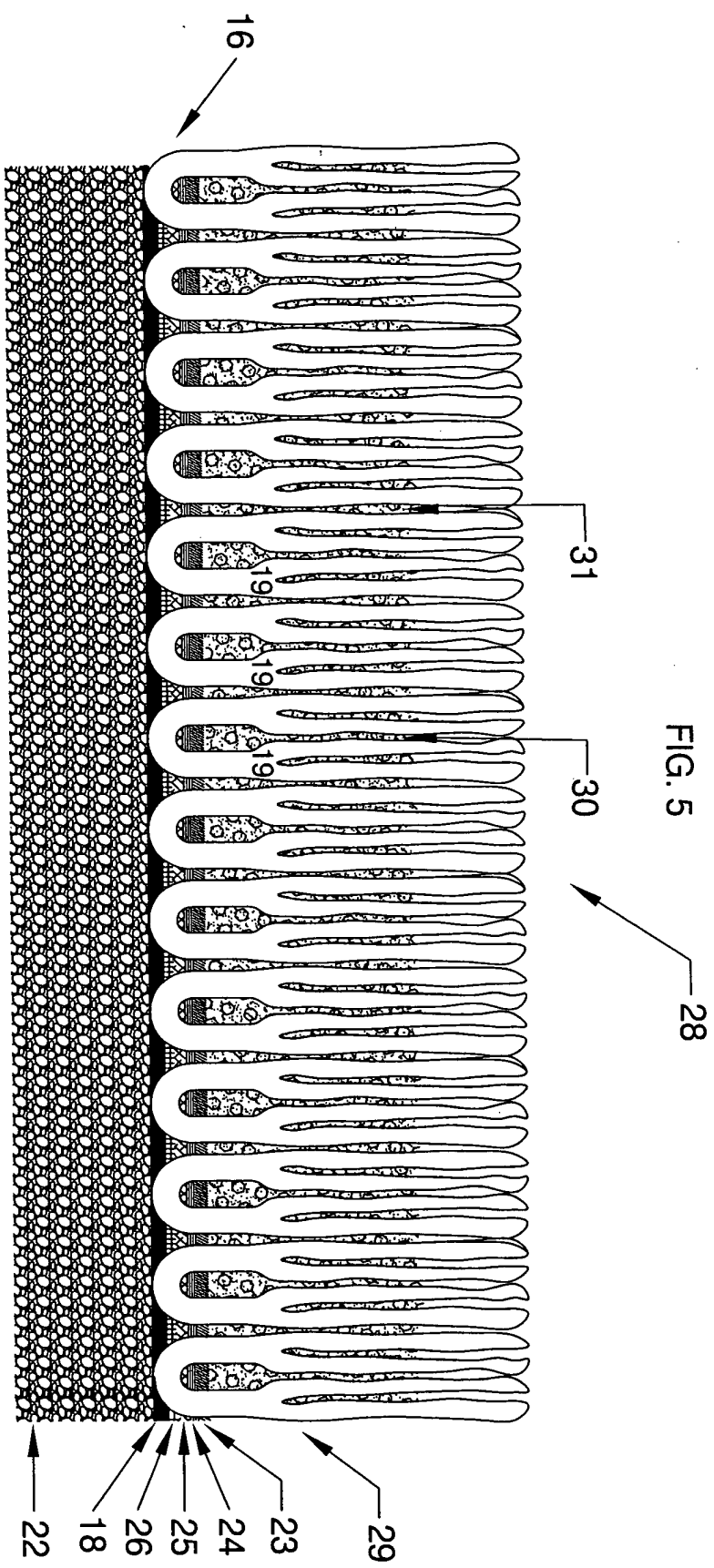
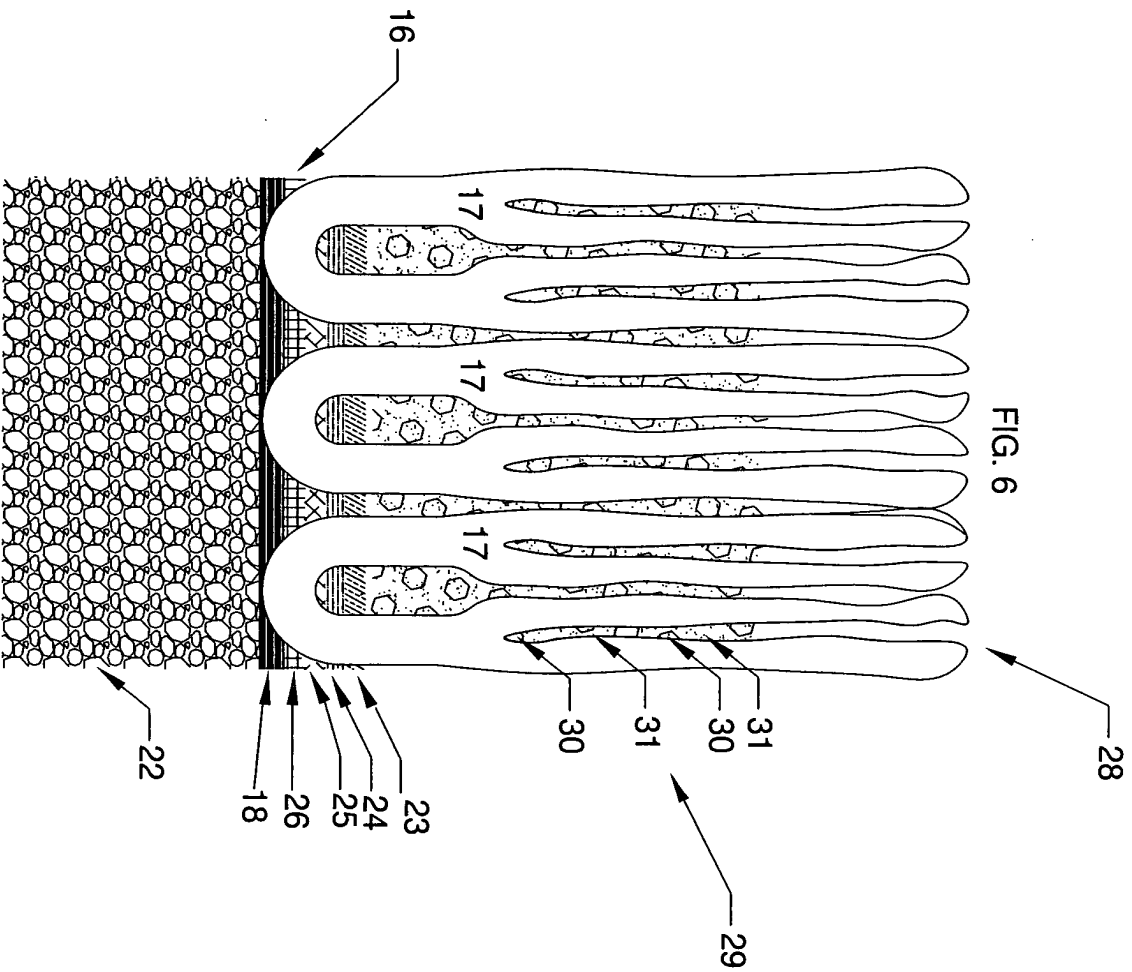


FIG. 4

FIG. 5





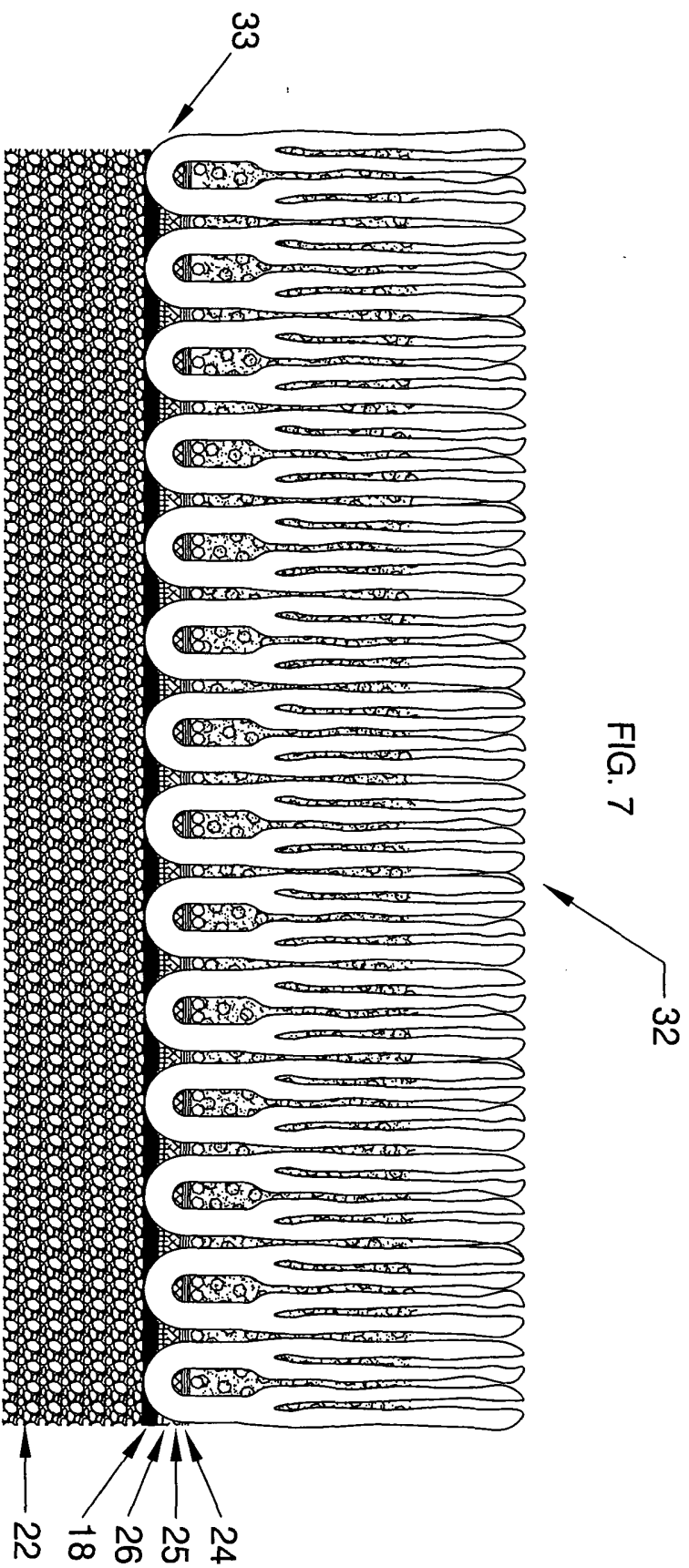


FIG. 8

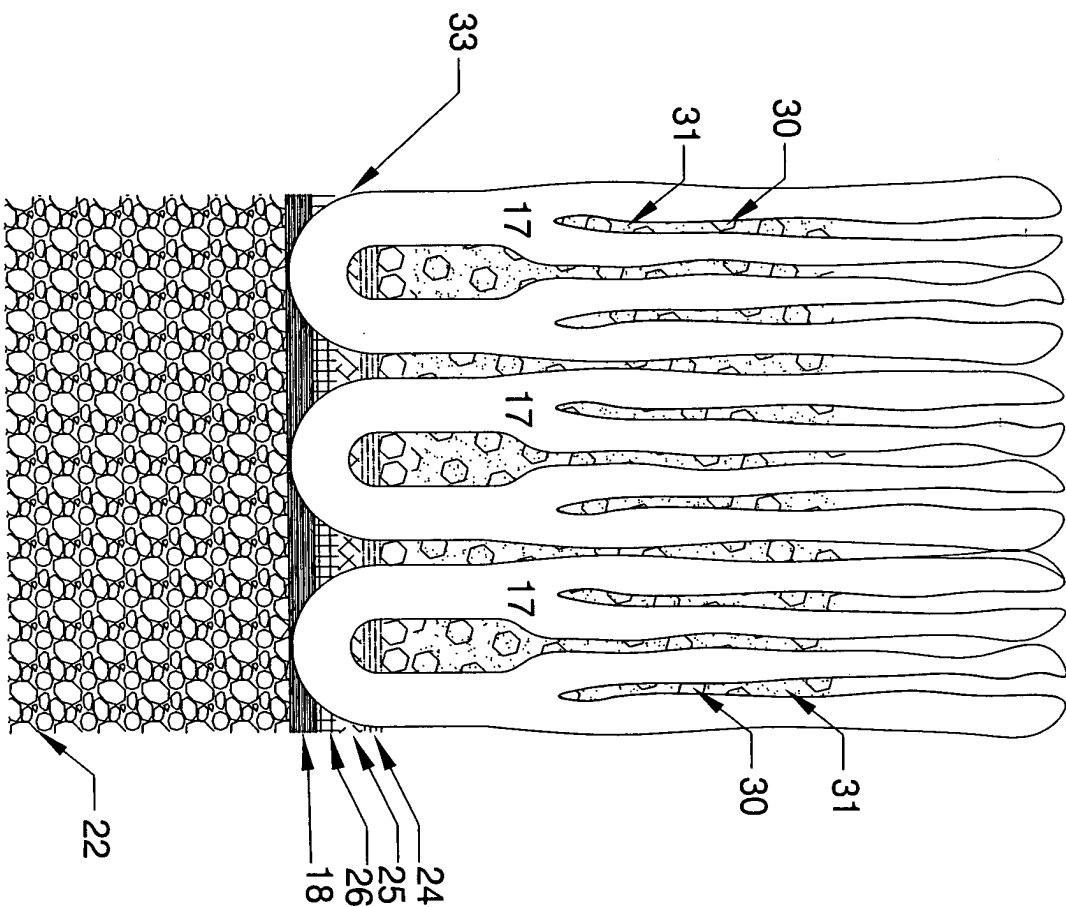
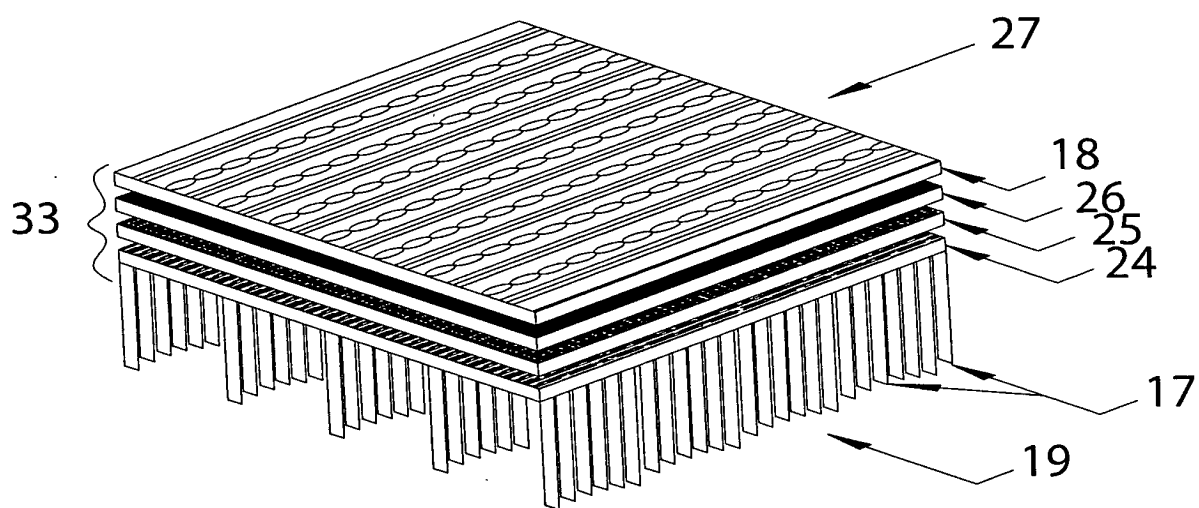




FIG. 9



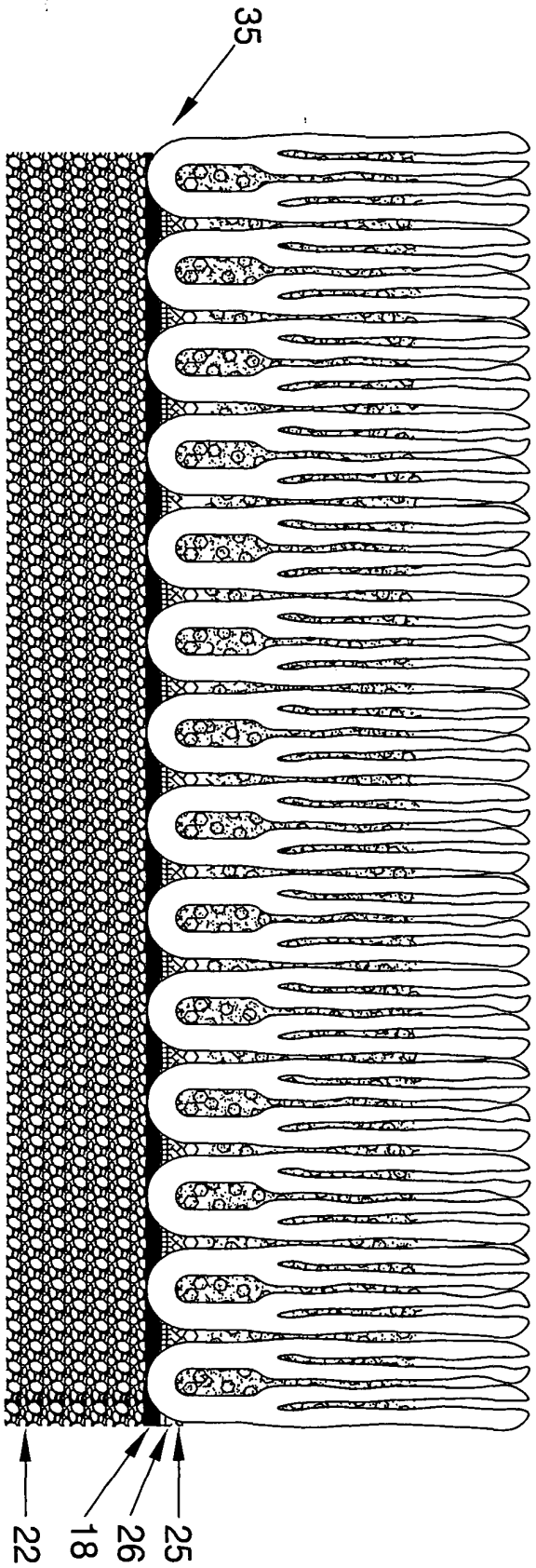


FIG. 10

Figure 1 is a cross-sectional view of a multi-layered material. The material has a textured surface 22 and internal layers 18, 25, and 26. Three U-shaped components 17 are embedded in the layers. Each component 17 has a central core 30 and a surrounding shell 31. A large arrow 19 points to the right, indicating a direction of force or movement.

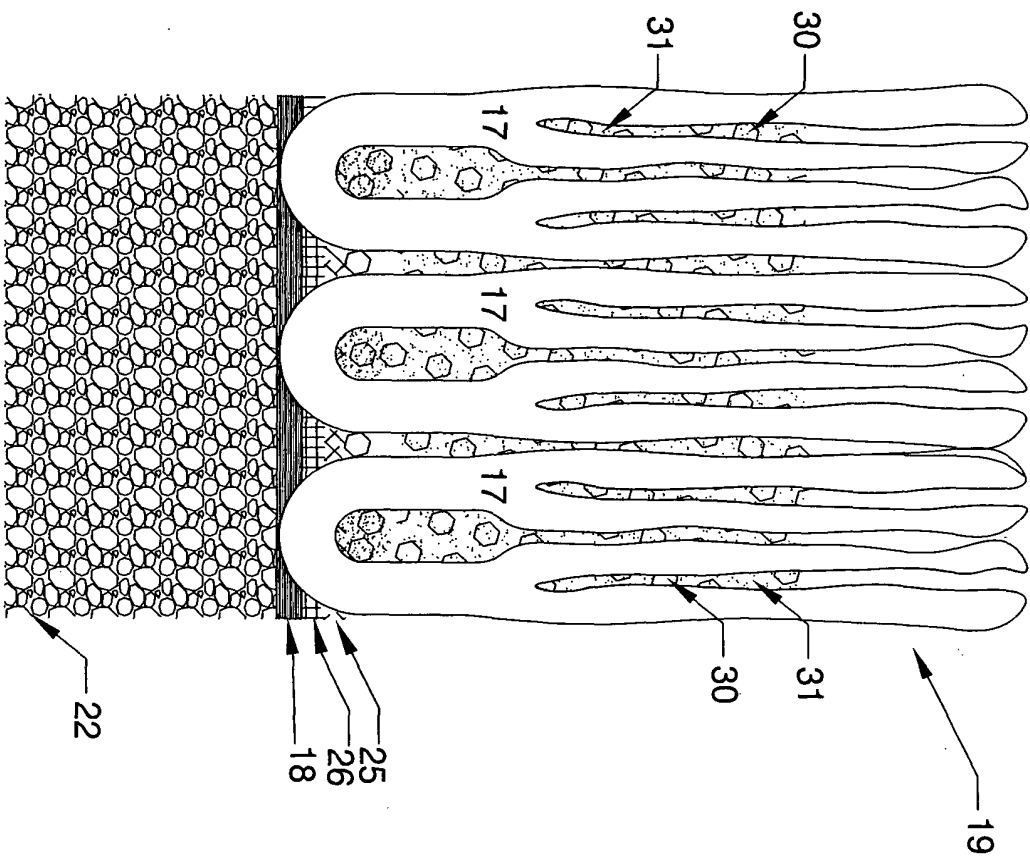


FIG. 12

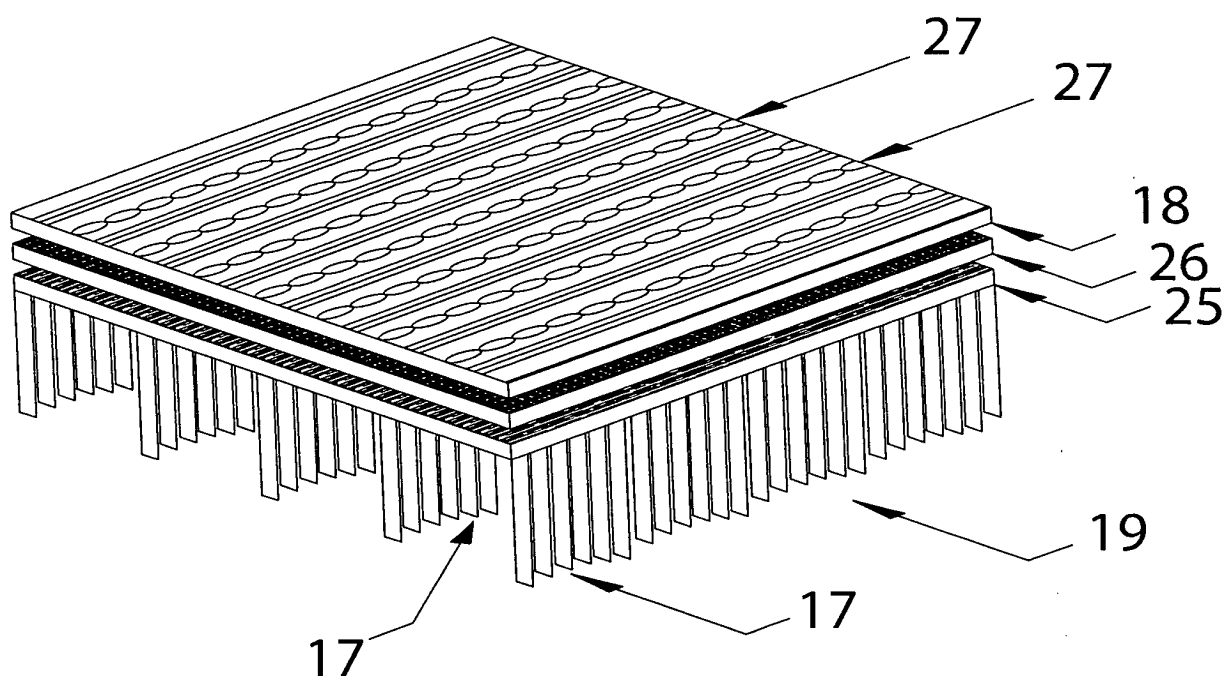


FIG. 13

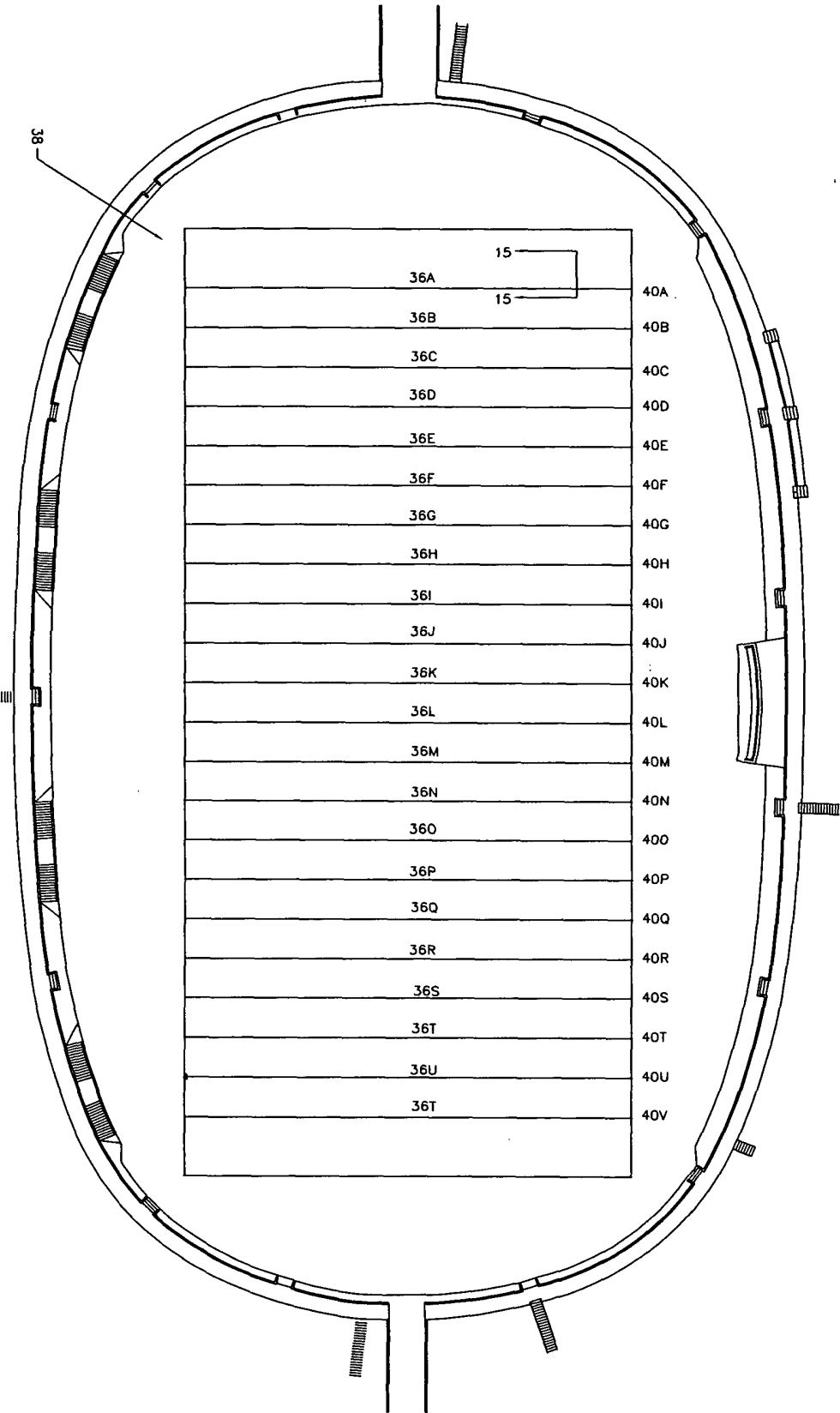


FIG. 14

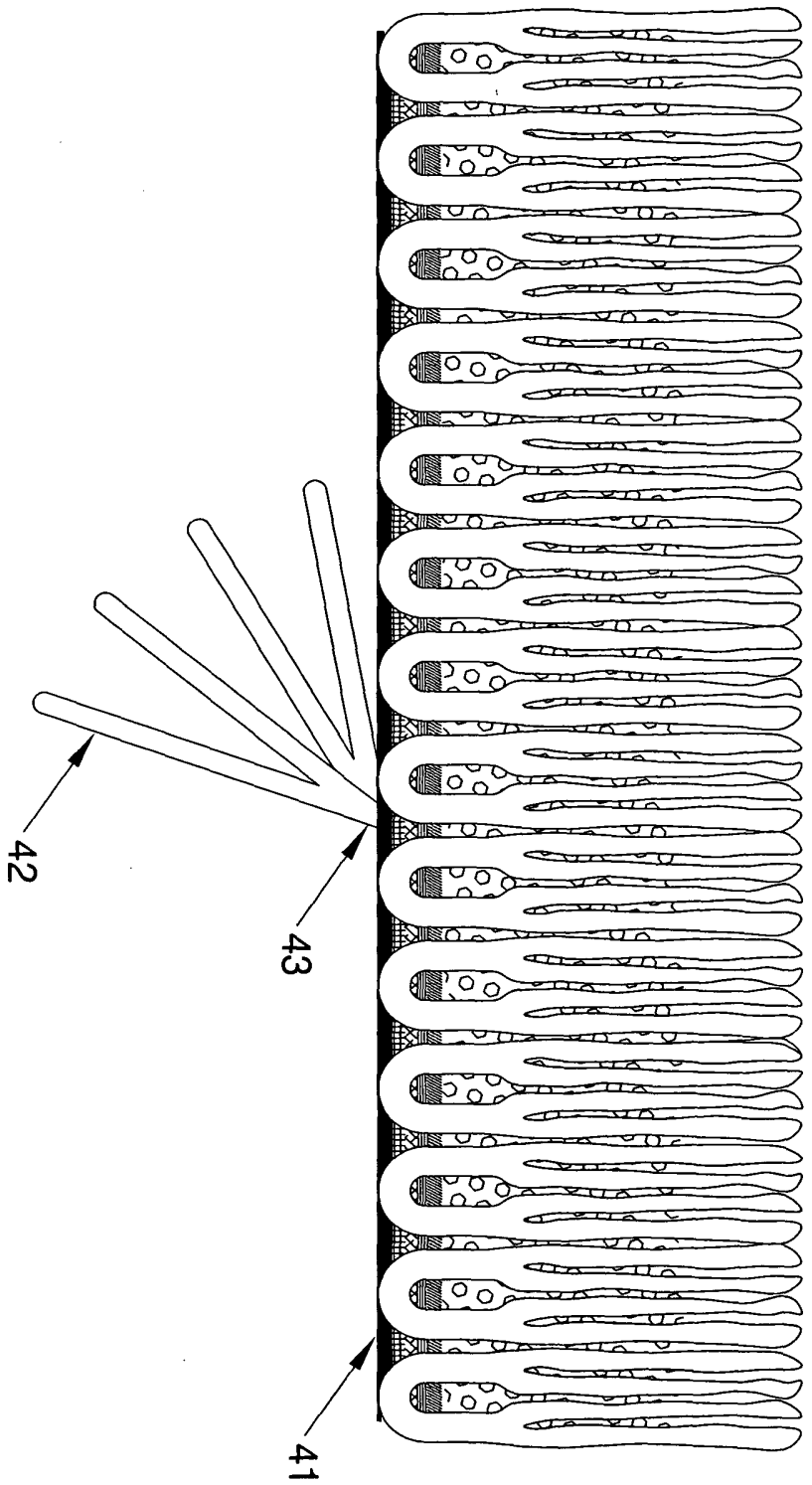


FIG. 15

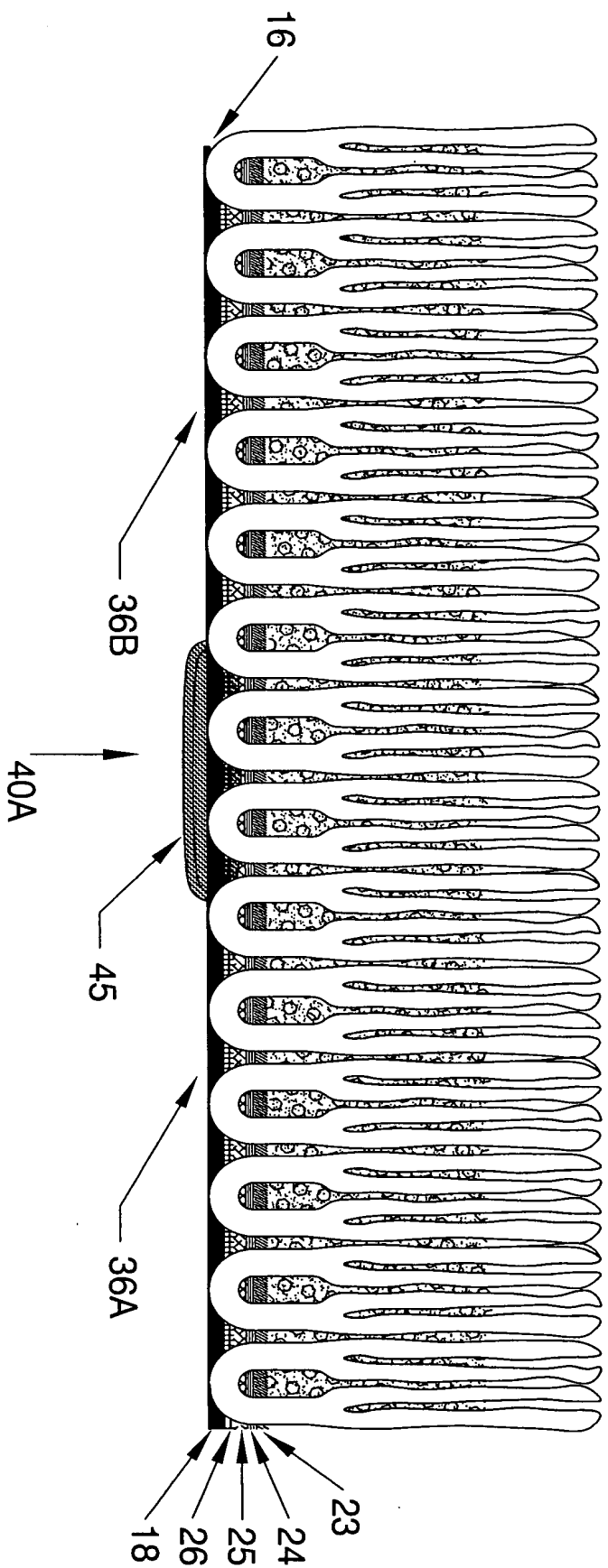


FIG.16

